

2669

Diag. Ch. No. 8502-1

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey *Hydrographic*
Field No. Office No. *2669*

LOCALITY

State *Alaska*
General locality *Controller*
Locality *Bay*

1903

CHIEF OF PARTY

J. F. Pratt

LIBRARY & ARCHIVES

DATE

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1903

Treasury Department,
U. S. COAST AND GEODETIC SURVEY.

O. H. Tittman
Superintendent.

State: *Alaska*

DESCRIPTIVE REPORT.

Hydrographic Sheet No *2669*

LOCALITY:

Controller Bay

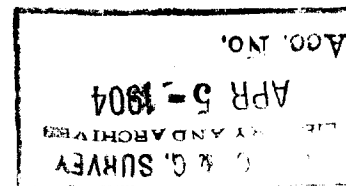
1903

CHIEF OF PARTY:

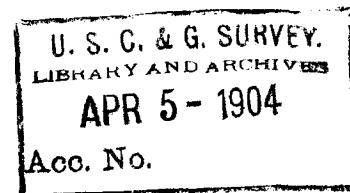
J. F. Pratt, Assistant

U. S. C. & G. SURVEY.
LIBRARY AND ARCHIVES
APR 5 - 1904
Acc. No. *2669*

2669



U. S. Coast and Geodetic Survey
O. H. Tittmann, Superintendent.



Descriptive Report

of

An Incomplete

Hydrographic Sheet

of

Controller Bay

Alaska

Scale 1/20,000

by

The Party under charge of
J. F. Pratt, Assistant
Commanding U.S.C. & G. Survey S.S. "PATTERSON"

September 10th to 18th
1903.

STATISTICS FOR HYDROGRAPHIC SHEET

CONTROLLER BAY

SCALE 1/20,000

Date	Letter	Number of				Boat	In charge
		Vol	Angles	Sndgs	Miles		
1903							
Sept. 10	a	1	156	275	13.6	"REYNARD" (green)	A.R. Hunter, W.O.
" 11	b	1	222	368	16.5		
" 12	c	1	144	286	10.0		
" 18	d	1&2	110	292	9.5		
TOTALS	4	2	632	1221	49.6		
Sept. 11	b	1	190	503	16.5	"VIXEN" (blue)	A.L. Giacomini, W.O.
" 12	c	2	30	100	3.5		
TOTALS	2	2	220	603	20.0		
Sept. 18	d	1	300	234	5.0	"WHALEBOAT" (red)	A.L. Giacomini, W.O.
TOTALS	1	1	300	234	5.0		

RECAPITULATION

Boat	Letter	Vol	Angles	Sndgs	Miles	Square Miles
"REYNARD"	4	2	632	1221	49.6	
"VIXEN"	2	2	220	603	20.0	
"WHALEBOAT"	1	1	300	234	5.0	
TOTALS	4	5	1152	2058	74.6	10

Tides

Were recorded on a self registering tide gauge from August 12th to September 19th, 1903, at Wingham Tidal Station.

The Plane of Reference read	2.86 Feet
The Highest Water observed	14.35 "
The Lowest Water observed	0.40 "
The Mean Range Was found to be	7.8 "
The Extreme Range was found to be	13.8 "
The Smallest Range was found to be	2.4 "
The Mean of all High Waters was	11.68 "
The Mean of all Low Waters was	3.87
The Mean Range was	7.81 "
The Sea-level on Staff was	7.77 "

The plane of reference of 2.86 feet on the staff is the mean of all the lower low waters observed.

Geographical Positions

Are from a triangulation executed by H. W. Rhodes, Assistant, during August and September, 1903.

The Shore Line

Where shown by a full line is from a planetable survey by H. W. Rhodes, Assistant, in September, 1903.

During September 13th, 14th and 15th a storm blew down all the more important hydrographic signals. They were re erected and redetermined on September 16th, 17th and 18th.

On September 18th telegraphic Instructions were received to immediately discontinue this work.



Assistant, U.S.C. & G. Survey,

Commanding,

Chief of Party.

Report
on
Hydrographic Sheet
No. 2669.
Controller Bay,
Portion of Ocalee Channel,
Alaska.
Assistant Pratt.
1903.

The work seems to be good with the exception of the line running from Bust to Bunk which does not agree with other lines. The line ends at a small boat wharf, not shown on the sheet originally, and signal "green" is used as center object. "Green" ~~does not~~ ^{is not east of 1/2 mile} appear on sheet, and the "wharf" is not mentioned in any other place in the records.

The tide table should be amended by the Tidal Division as there is a difference of -.89 ft. between the plane used by field party ^(2.86) and that determined by Tidal Division; ^(2.57) this difference was applied to all soundings.

F. C. Donn. (Signed).

Department of Commerce and Labor

Sheet 2669

Controller Bay

The work seems to be good with the exception of the line running from Buks to Bank Δ which does not agree with other lines. The line ends at a small boat wharf, not shown on sheet originally, and signal "green" is used as center object. "green" ~~does not~~ appear on sheet, ^{distance 9 1/2 miles} and the wharf is not mentioned in any other place in the records.

The tide table should be amended by the Tide Division as there is a difference of .29 ft. between the plane used by field ⁽²⁸⁶⁾ party and that determined by Tide Division ⁽²⁸⁷⁾. This difference was applied to all soundings.

Confined and corrected by
F. C. Dorn

F. C. Dorn